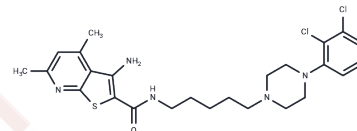


Dopamine D2 receptor agonist-2

Chemical Properties

CAS No. :	1610591-93-9
Formula:	C ₂₅ H ₃₁ Cl ₂ N ₅ O ₅
Molecular Weight:	520.52
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dopamine D2 receptor agonist-2 (Dopamine D2 Receptor) is a ligand targeting the dopamine D2 receptor.
Targets(IC50)	Dopamine Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (96.06 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9212 mL	9.6058 mL	19.2116 mL
5 mM	0.3842 mL	1.9212 mL	3.8423 mL
10 mM	0.1921 mL	0.9606 mL	1.9212 mL
50 mM	0.0384 mL	0.1921 mL	0.3842 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Szabo M, et al. Structure-activity relationships of privileged structures lead to the discovery of novel biased ligands at the dopamine D₂ receptor. J Med Chem. 2014 Jun 12;57(11):4924-39.

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